

The diagram illustrates a transmission system 50. It begins with an information source 11, which feeds into a channel coding block 12. The output of block 12 goes to a serial-parallel conversion block 13. Block 13 has multiple outputs, one of which is connected to a pilot symbol insertion block 20. Block 20 has a feedback loop that returns to block 13. The output of block 13 is then processed by a spreading-code multiplication block 15(1), which is represented by a circle with an 'X'. This block receives input from a reproduction circuit 14. The output of block 15(1) is then fed into a block labeled 'INDIVIDUAL USER SIGNALS COMBINED' 51. This block has multiple inputs, some of which are connected to the reproduction circuit 14. The output of block 51 goes to a frequency-time conversion (IFFT) block 52. The output of block 52 is then processed by a guard interval insertion block 53, followed by a low pass filter 54, an amplifier 55, and finally an antenna 56. The entire system is labeled 50.